

## CLAIM OR CLAIMS

### WHAT IS CLAIMED IS:

1. A method of frequency response measurement comprising the steps of:
  - 5           creating a complex sinusoid window at a particular frequency;
  - correlating an input sinusoidal test signal with the complex sinusoid window to produce a complex correlation magnitude signal;
  - thresholding the complex correlation magnitude signal as a function of a percentage of a maximum complex correlation magnitude;
  - 10          finding a centroid of the thresholded complex correlation magnitude signal; and
  - determining the frequency response at the particular frequency as the complex correlation magnitude at the centroid.